# MATERIAL SAFETY DATA SHEET
**A-01E**

### Section 1 - Product Identification

**J. WALTER COMPANY LTD.**  
5977 Transcanada Highway  
Pointe-Claire, Quebec  
H9R 1C1  

**Emergency:** CANUTEC (613) 996-6666  

**Trade name:** HP, HP XX, Pipefitter, Stainless, Alu, Allsteel, Allsteel XX, Concrete, Flexcut, Zip, Zipcut, Zip One Combo Zip, Chopcut, Portacut, Ripcut, Railcut, Toughcut  

**Product name:** Resin bonded abrasives  

**Order no.:** 08-, 10-, 11-, 12-A, 12-B, 12-C, 15L  

**WHMIS Classification:** Manufactured article  

**Controlled under WHMIS:** No

### Section 2 - Hazardous Ingredients

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS Number</th>
<th>% by Weight</th>
<th>LD₅₀ RAT</th>
<th>LC₅₀ RAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum oxide</td>
<td>1344-28-1</td>
<td>60.0-80.0</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Silicon carbide</td>
<td>409-21-2</td>
<td>1.0-5.0</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Phenolic resin</td>
<td>N/A</td>
<td>5.0-10.0</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Fiberglass</td>
<td>N/A</td>
<td>1.0-5.0</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Section 3 - Physical / Chemical Characteristics

- **Physical state:** Solid  
- **Odour & appearance:** Characteristic  
- **Odour threshold:** N/A  
- **pH:** N/A  
- **Boiling point:** N/A  
- **Freezing point:** N/A  
- **Specific gravity:** > 1 g/cm³  
- **Vapour pressure:** N/A  
- **Vapour density:** N/A  
- **Evaporation rate:** N/A  
- **VOC g/l:** N/A  
- **Water solubility:** N/A

### Section 4 - Fire & Explosion Hazard

- **Flammability:** No  
  - **Conditions:** None  
- **Flashpoint:** N/A  
- **Auto ignition temperature:** N/A  
- **Extinguishing media:** Water, CO₂, chemical  
- **Hazardous combustion products:** N/A  
- **Flammable limits (%):** Upper: N/A Lower: N/A  
- **Sensitivity to mechanical impact or static discharge:** No

### Section 5 - Reactivity Data

- **Chemical stability:** Yes  
  - **Conditions:** None  
- **Reactivity conditions:** None  
- **Incompatible substances:** None  
- **Hazardous decomposition products:** None

N/A - Not Applicable  

N/Av - Not Available
Section 6 - Toxicological Data

Route of entry: Eye and skin contact, inhalation.

Acute exposure effects: Uncontrolled dust can affect eyes, respiration.

Chronic exposure effects: Uncontrolled dust can affect eyes, respiration.

Exposure limits (TLV/TWA): N/Av

<table>
<thead>
<tr>
<th>Carcinogenicity</th>
<th>Mutagenicity</th>
<th>Reproductive toxicity</th>
<th>Teratogenicity</th>
<th>Synergistic effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

If yes to any of the above, specify:

Section 7 - Preventive Measures

Protective equipment: Eyewear, clothing, gloves

Handling procedures: Follow safety standards for grinding.

Waste disposal methods: Dispose as per municipal, provincial and federal regulations.

Leak/spill procedures: N/A

Storage requirements: N/A

Engineering controls: Ensure adequate ventilation.

Handling equipment: N/A

Special shipping information: N/A

Section 8 - First Aid Measures

Skin contact: Rinse thoroughly with soap and water.

Eye contact: Rinse thoroughly with plenty of clean water. Do not remove embedded objects. Consult a physician if necessary.

Inhalation: Remove to fresh air. Consult a physician if necessary.

Ingestion: N/A

Other: Treat scrapes or cuts by cleansing wound. Apply sterile dressing.

Section 9 - Preparation of MSDS

Prepared by: International Product Manager

Telephone: 1-800-592-5837

Date: November, 2012

This data is offered in good faith as typical values and not as a product specification. No warranty, either express or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.